



NITFS Compliance Registration



Product: Enterprise Image Access Solutions (E-IAS)

Sponsor: Transcoder Version 1.5.2
JTF Visual Information Solutions

Date: 22 July 2010
Expiration: 22 July 2012
Registration #: 3019

Developer: Visual Information Solutions

☒ Initial Registration
☐ Supplemental/Update #
☐ Derived from Reg. #

System
N-0105/98, §4.1.1

NITFS Features Implemented:

Product
N-0105/98, §4.1.2

☒ **Component**
N-0105/98, §4.1.3

Format
☒ NITF
☒ 2.1
☐ 2.0
☐ 1.1
☐ NSIF
☐ 1.0

Pixel Value Types
☐ Boolean
☒ Integer
☐ Signed Integer *
☐ IEEE Real *
☐ IEEE Complex *

Annotation Segment Types
☐ Bit Mapped **
☐ CGM, 2301
☐ CGM, 2301A
☐ Labels **

Text Segments
☒ TA
☐ UT1
☐ U8S
☐ MTF

Image Segment Types
☒ MONO
☒ RGB
☐ RGB/LUT
☐ YCbCr
☒ MULTI
☐ NO DISPLY
☐ POLAR

Image Compression
☐ No Compression
☐ JPEG Lossy, 8-bit
☐ JPEG Lossy, 12-bit
☐ JPEG Downsampling
☐ JPEG Lossless
☒ JPEG 2000
☐ Bi-Level
☐ Vector Quantization

Data Extension Segments
☒ PRE_OVERFLOW
☐ STREAMING_FILE_HEADER
☐ Controlled Extensions **
☐ Registered Extensions **

Tagged Record Extensions
☒ KLRA
☒ STOA

Complexity Level							
NITF 2.1 CLEVEL							
	3	5	6	7			
Interpret							
Generate							
NITF 2.0 CLEVEL							
	1	2	3	4	5	6	Other
Interpret							
Generate							

Configurations Tested:

-Intel Core, 2.67GHz, Windows XP Pro SP3
-Intel Core, 2.67GHz, Fedora Release 10, Cambridge
-Blade 2000, Sparc 64 Bit, Solaris 10

Legend
Interpret
Generate
☒ Fully implemented
☒ Partially implemented
☐ Not implemented

BRENT L. SNYDER, Lt Col, USAF
JTF Portfolio Chief
Joint Interoperability Test Command
Executive Agent to National Geospatial-
Intelligence Agency for the NITFS Test and
Evaluation Program

Registration does not guarantee that a product will meet all users' requirements.
Potential users should evaluate the detailed test results to determine the suitability of
the product for the intended use. Optional NITFS features may not be implemented.